

## Abstract

[0026] In a method for reducing color moiré in digital images, the object is to improve the suppression of color moiré in such a way that effects on edge areas and fine structures are further reduced in that low-frequency beats causing color moiré are detected and attenuated in such a way that a correction is carried out only for two-dimensionally extensive areas and the edge areas and fine structures remain excluded to a great extent. A comparison of bandpass energies between the luminance channel and chrominance channels serves as a marking criterion in order initially to determine pixels in which color moiré is present and then to carry out a frequency-selective energy reduction in the chrominance channels at middle frequencies for suppressing the long-wave color moiré.